

ABSTRACT OF THE DISCLOSURE

The present invention provides a selectively gas permeable membrane that has a superior combination of permeability and selectivity. The membrane composition includes a Type 1 copolyimide uniformly blended with a Type 2 copolyimide, which 5 polymers are defined by chemical structure more specifically in this disclosure. The invention also provides a method of using the membrane of the copolyimide blend to separate components of gas mixtures.